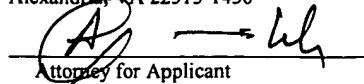
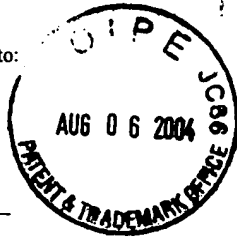


I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to:

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450


Attorney for Applicant

Date: 04 August 2004



IFW
#

Application No. : 10/731,679
Applicant : Feng Lin
Filed : 9 December 2003
Title : INTERLEAVED DELAY LINE FOR PHASE LOCKED AND DELAY LOCKED LOOPS

TC/A.U. : 2116
Examiner : Nitin C. Patel

Atty. Docket No. : DB000861-002
Customer No. : 24122

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL

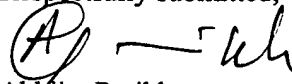
Enclosed for filing in the above-captioned application, please find the following:

- An Information Disclosure Statement (3pgs.);
- A copy of PTO/SB/08A filed with the U.S. Patent Office in the parent application of the present application having Serial No. 09/652,632. Under 37 C.F.R. § 1.98(d), copies of references cited in the Information Disclosure Statement in the parent application are not required.
- An Examination Report from Japanese Patent Office with English translations;
- A copy of U.S. Patent and Trademark Office Notice of References Cited (PTO-892) in a related application having Serial No. 10/731,779. Under 37 C.F.R. § 1.98(d), copies of references cited in the Information Disclosure Statement in the parent application are not required;
- Fee Transmittal Form (PTO/SB/17); and
- A check in the amount of \$180 as the requisite fee.

Also enclosed is a return postcard. Please date stamp and mail the postcard to acknowledge receipt of the above-referenced correspondence. The Commissioner is hereby authorized to charge any underpayment or credit any overpayment to our Deposit Account No. 20-0888.

A duplicate copy of this transmittal is enclosed.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Abhijat Parikh', written over the printed name.

Abhijat Parikh

Reg. No. 49,086

THORP REED & ARMSTRONG, LLP

One Oxford Centre, 14th Floor

301 Grant Street

Pittsburgh, PA 15219-1425

(412) 394-2478

Attorney for Applicant

Dated: 04 August 2004



Application : 10/731,679
Applicant : Feng Lin
Filed : 9 December 2003
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DELAY LOCKED LOOPS

TC/A.U. : 2116
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Atty. Docket No. : DB000861-002
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To: Commissioner of Patents
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Alexandria, VA 22313-1450

Information Disclosure Statement

Sir:

Pursuant to the provisions of 37 CFR §§1.56 and 1.97-98, enclosed for Examiner's consideration are copies of the PTO/SB/08A filed with the U. S. Patent Office in the parent of the present application having Serial No. 09/652,632 and PTO-892 received in a related divisional application having Serial No. 10/731,779. Under 37 CFR § 1.98(d), copies of references cited in the IDS in this parent application are not required.

A copy of an Examination Report received from the Japanese Patent Office in a related application is also enclosed. English translations of the Report and the prior art search results are also provided for the Examiner's review.

The filing of this Information Disclosure Statement shall not be construed as a representation regarding the completeness of the list of references, or that inclusion of a reference in this list is an admission that it is "prior art" to this application, or that a search has been made, or as an admission that the information listed is, or may be considered to be, material to patentability as defined in 37 CFR §1.56, or that no other material information exists, and shall not be construed as an admission against applicant(s) interest in any manner.

The Information Disclosure Statement submitted herewith is being filed pursuant to:

☐ 37 C.F.R. §1.97(b)(1); no fee is required;
OR

☐ 37 C.F.R. §1.97(b)(2); no fee is required;
OR

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☐ 37 C.F.R. §1.97(b)(3); no fee is required;
OR

☐ 37 C.F.R. §1.97(b)(4); no fee is required;
OR

☒ 37 C.F.R. §1.97(c);
AND either

☒ The fee set forth in §1.17(p) is attached; OR

Applicant certifies pursuant to 37 CFR §1.97(e) that:

☐ each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement; OR

☐ no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this certification after making reasonable inquiry, no item contained in the Information Disclosure Statement was known to any individual designated under 37 CFR §1.56(c) more than three months prior to the filing of this statement;

OR

☐ 37 C.F.R. §1.97(d); the fee set forth in §1.17(p) is attached,
AND

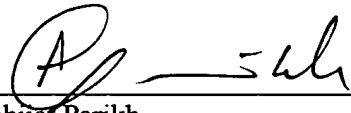
☐ each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement; OR

☐ no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this certification after making reasonable inquiry, no item contained in the Information Disclosure Statement was known to any individual designated under 37 CFR §1.56(c) more than three months prior to the filing of this Statement.

Applicant respectfully requests that the listed references be considered by the Examiner, and that the Examiner acknowledge consideration of these references by initialing and returning a copy of the attached form(s) with the next Official Action.

Respectfully submitted,

Dated: 8-4-2004


Abhijit Parikh
Reg. No. 49,086
Thorp Reed & Armstrong, LLP
One Oxford Centre, 14th Floor
301 Grant Street
Pittsburgh, Pennsylvania 15219-1425
Tel.: 412/394-2478
Fax: 412/394-2555

Attorney for Applicant



Notice of References Cited

Application/Control No.

10/731,779

Applicant(s)/Patent Under
Reexamination
LIN, FENG

Examiner

Nitin C. Patel

Art Unit

2116

Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
	A	US-6,445,231	09-2002	Baker et al.	327/158
	B	US-5,808,478	09-1998	Andresen, Bernhard Hans	326/31
	C	US-5,923,715	07-1999	Ono, Masayoshi	375/376
	D	US-6,011,732	01-2000	Harrison et al.	365/194
	E	US-6,518,812	02-2003	Sikkink et al.	327/284
	F	US-5,420,531	05-1995	Wetlaufer, Gary D.	327/270
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PTO/SB/17 (10-03)

Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 180.00

Complete if Known

Application Number	10/731,679
Filing Date	9 December 2003
First Named Inventor	Feng Lin
Examiner Name	Nintin C. Patel
Art Unit	2116
Attorney Docket No.	DB000861-002

METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit Account Number: 20-0888
Deposit Account Name: Thorp Reed & Armstrong

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s) or any underpayment of fee(s)

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	770	2001	385	Utility filing fee	
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)					(\$) 0

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
Independent Claims	-20** =	X	
Multiple Dependent	-3** =	X	

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$) 0

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	180
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 180

SUBMITTED BY

Name (Print/Type)	Abhijat Parikh	Registration No. (Attorney/Agent)	49,086	Telephone	412-394-2478
Signature		Date	04 August 2004		

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.